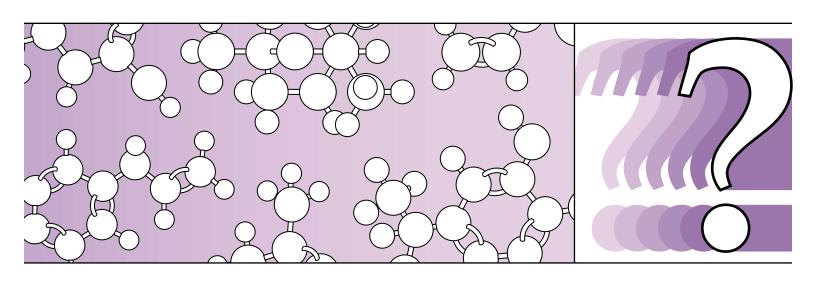
The Pfizer Foundation Biochemistry Discovery Lab

How do plants eat?



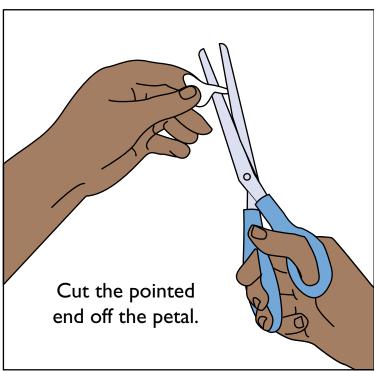
Plants need food molecules to stay alive, just like we do.

Plants move food molecules to the parts of the plant where they are needed.

Molecules are tiny particles that make up all living things.

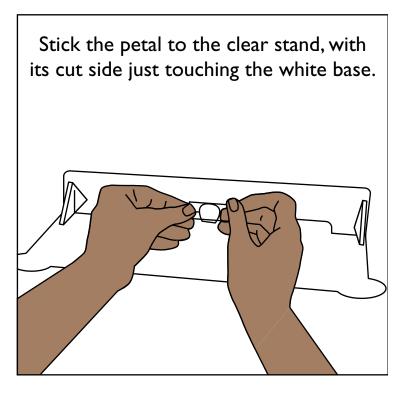
In this experiment, you can use food color to follow food molecules in a flower petal.



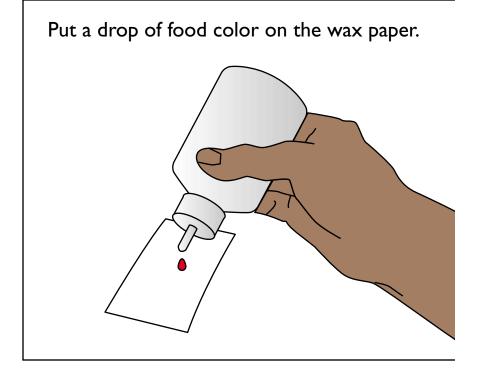


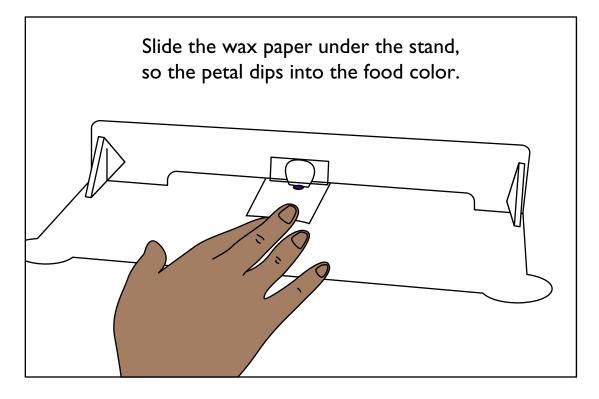
Stick the petal on a piece of tape, with the cut side hanging over the edge.

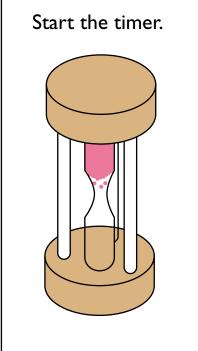
Make sure the petal is lying flat on the tape.

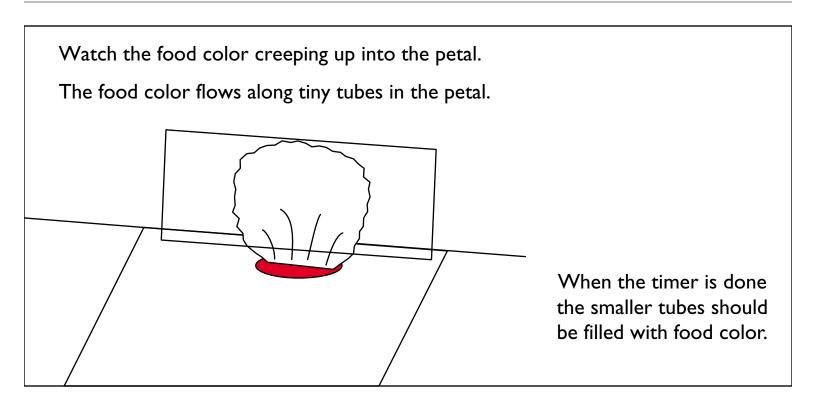


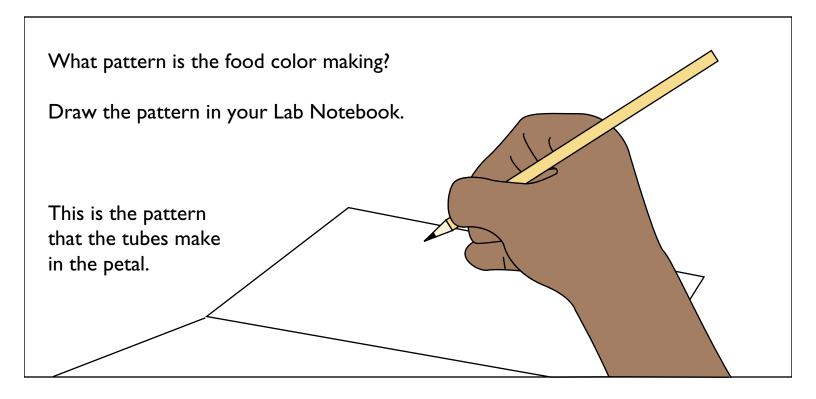
Put a piece of wax paper on the tray, in front of the petal.



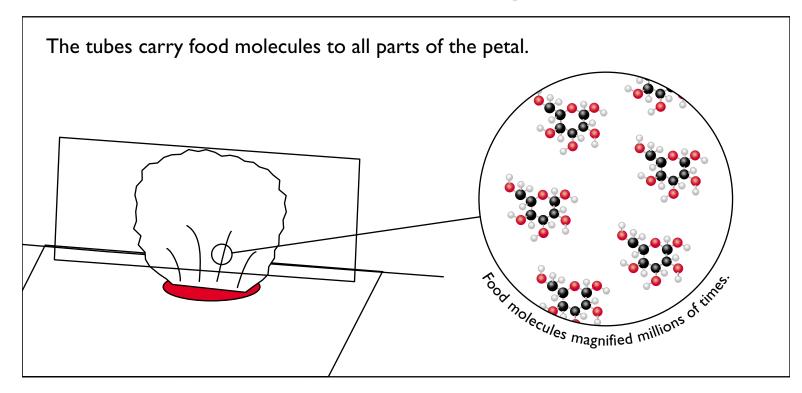


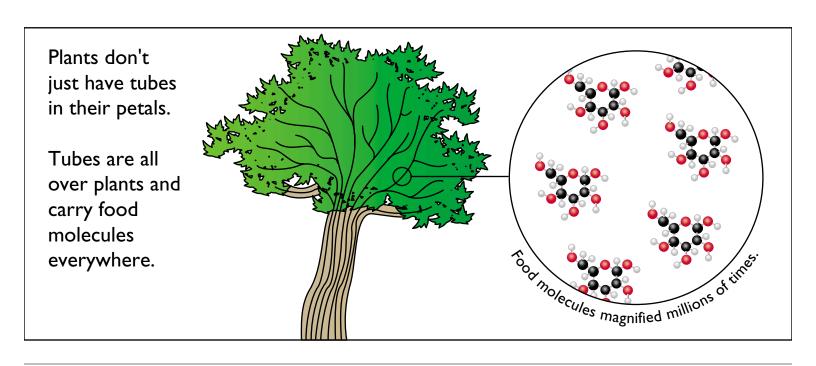




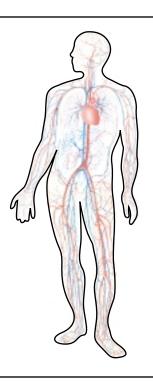


What are the tubes in a petal for?

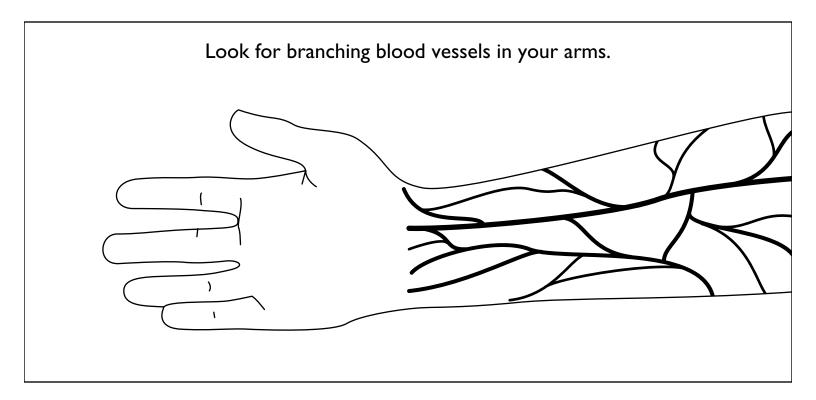


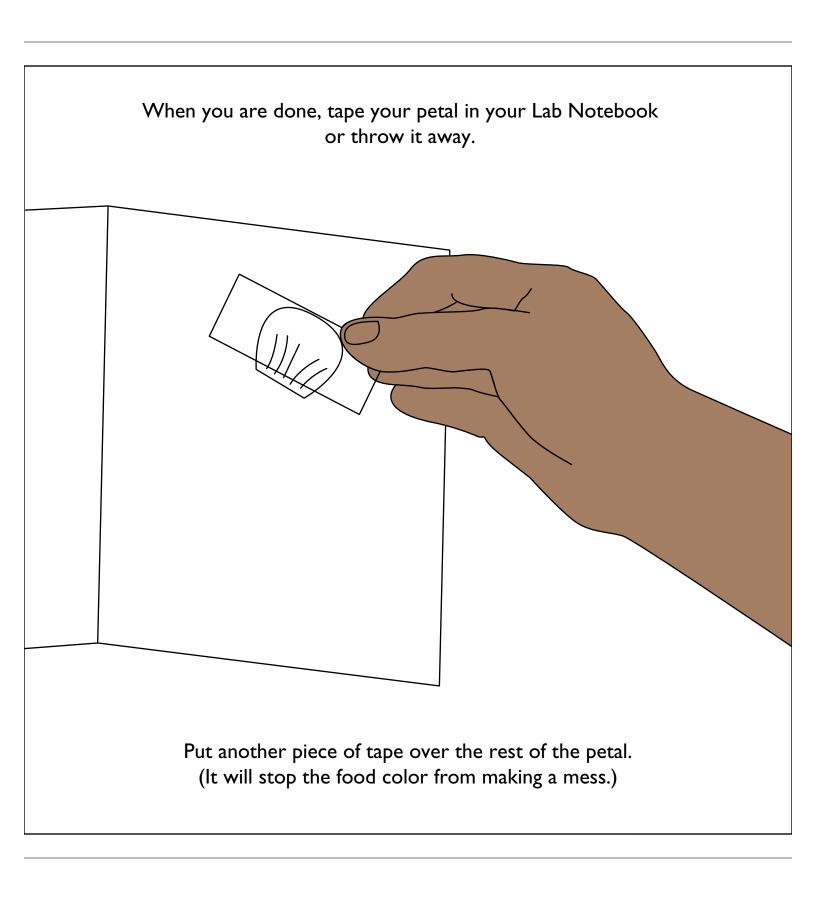


We also have tubes that carry food molecules everywhere in our body: our blood vessels.



Our blood vessels have a similar branching pattern to the tubes in plants.





Do you have questions about your experiment, or about molecules and plants?

Maybe you can find the answer by experimenting some more.

Ask a staff person if you need help.





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